

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022425\
 Data File : PL094383.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 17:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 02:32:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.543	2.772	126.3E6	167.3E6	49.731	52.413
28) SA Decachlor...	9.059	7.907	99414499	160.5E6	46.733	41.725
Target Compounds						
2) A alpha-BHC	4.000	3.274	182.3E6	249.3E6	48.205	50.725
3) MA gamma-BHC...	4.332	3.604	175.2E6	238.6E6	47.422	50.669
4) MA Heptachlor	4.920	3.942	156.0E6	227.3E6	46.013	48.156
5) MB Aldrin	5.261	4.222	159.2E6	228.6E6	46.396	49.474
6) B beta-BHC	4.531	3.905	73700288	99469864	46.152	50.012
7) B delta-BHC	4.777	4.133	170.3E6	240.6E6	48.123	50.802
8) B Heptachlo...	5.688	4.725	139.2E6	206.3E6	46.183	48.489
9) A Endosulfan I	6.073	5.094	124.5E6	177.4E6	45.278	44.498
10) B gamma-Chl...	5.944	4.974	132.4E6	210.6E6	45.107	48.544
11) B alpha-Chl...	6.022	5.038	133.9E6	207.1E6	46.236	47.965
12) B 4,4'-DDE	6.196	5.227	125.2E6	209.2E6	47.924	49.809
13) MA Dieldrin	6.348	5.359	131.8E6	211.3E6	46.249	48.227
14) MA Endrin	6.576	5.634	105.6E6	183.4E6	41.378m	53.876 #
15) B Endosulfa...	6.798	5.928	112.7E6	184.5E6	44.753	49.350m
16) A 4,4'-DDD	6.714	5.782	99544192	172.3E6	53.815	54.078
17) MA 4,4'-DDT	7.028	6.032	92330668	163.1E6	43.966	45.865
18) B Endrin al...	6.929	6.109	89114044	150.2E6	45.775	47.516
19) B Endosulfa...	7.163	6.331	101.9E6	172.3E6	45.002	46.642
20) A Methoxychlor	7.504	6.607	50706683	83012848	45.639	42.548
21) B Endrin ke...	7.648	6.836	116.4E6	204.2E6	46.418	47.842
22) Mirex	8.120	7.016	91817892	160.0E6	44.500	45.893

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022425\
Data File : PL094383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

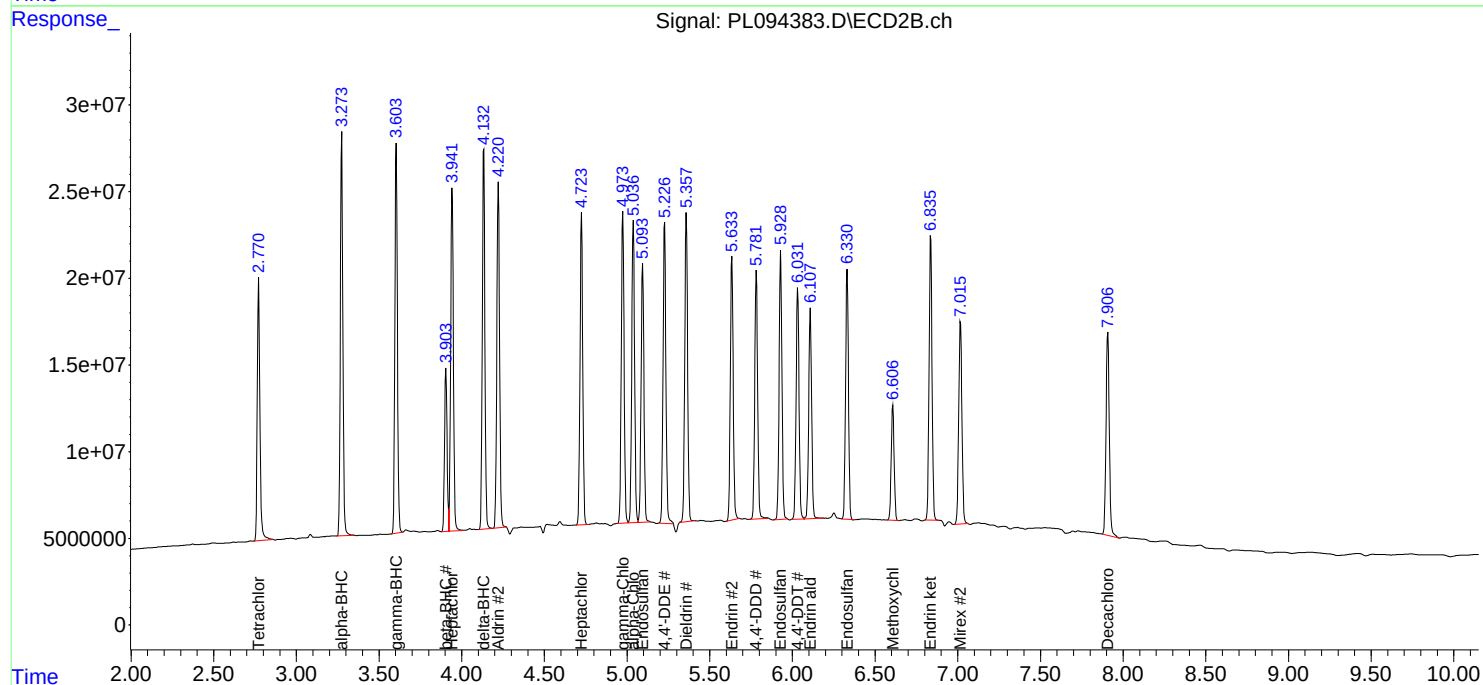
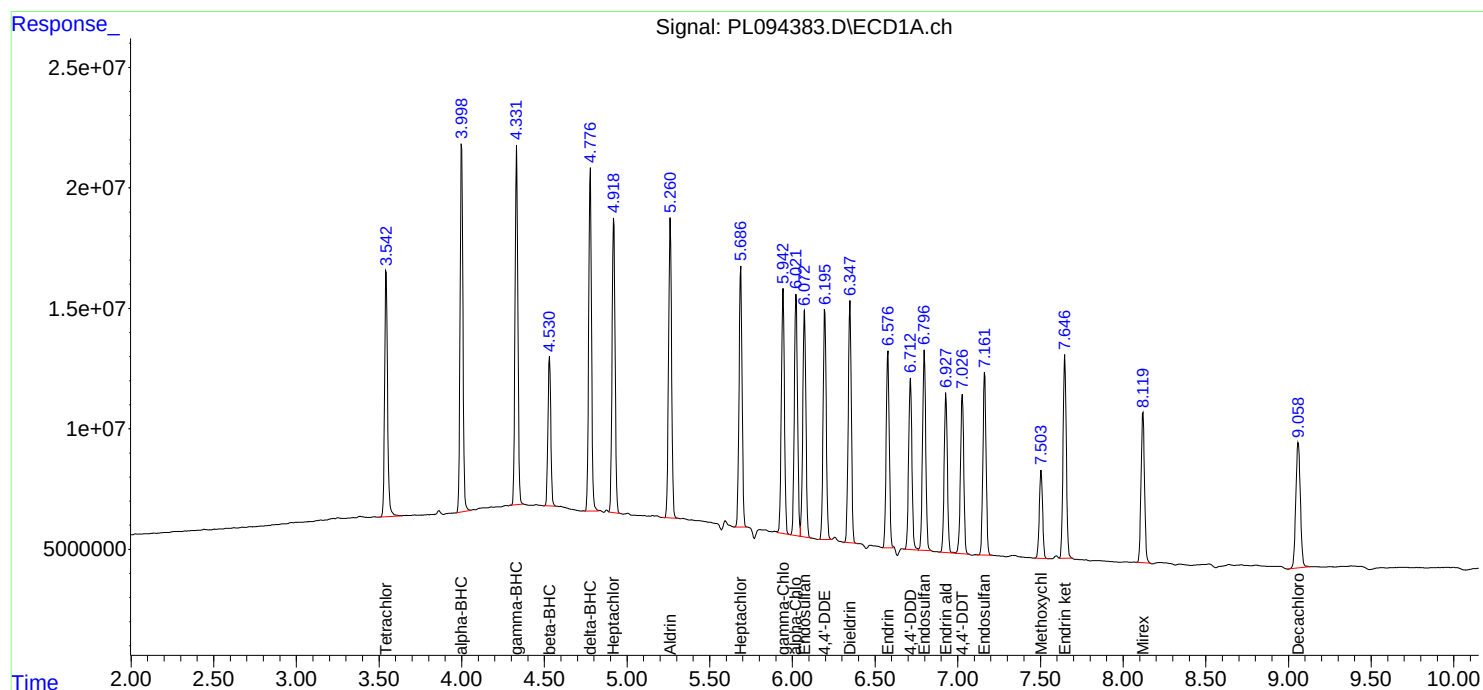
APPROVED

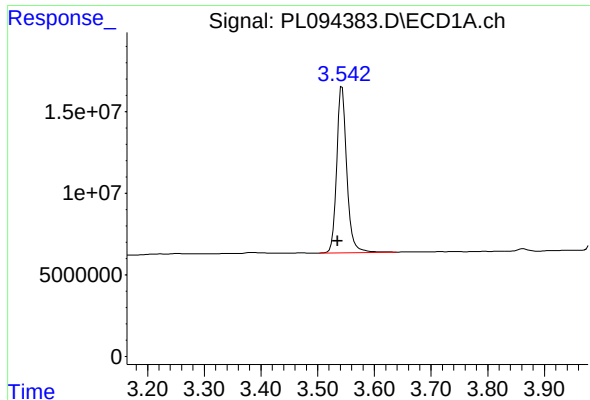
Reviewed By :Abdul Mirza 02/25/2025

Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 02:32:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





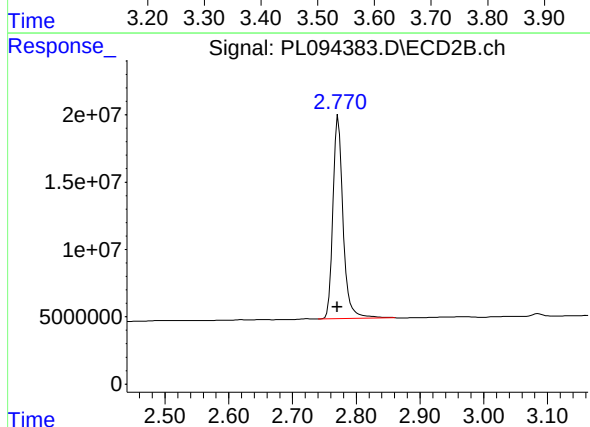
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.008 min
Response: 126271495
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

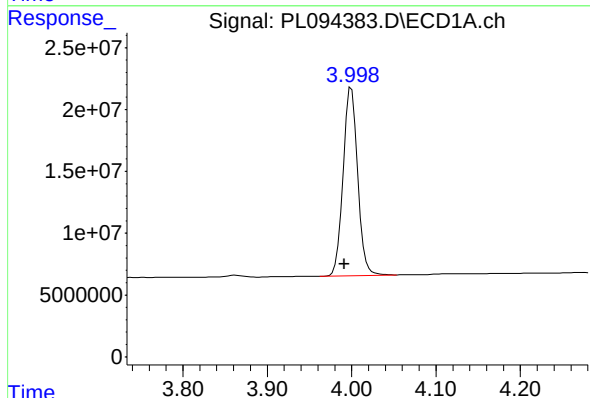
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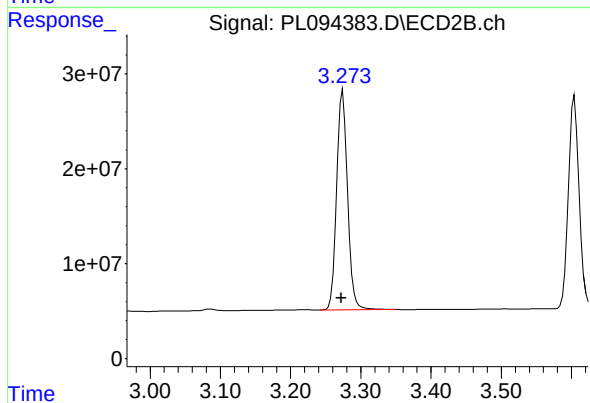
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 167258780
Conc: 52.41 ng/ml



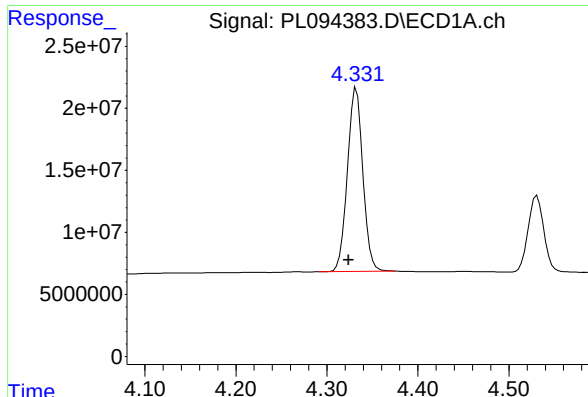
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.008 min
Response: 182344900
Conc: 48.21 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 249301209
Conc: 50.72 ng/ml



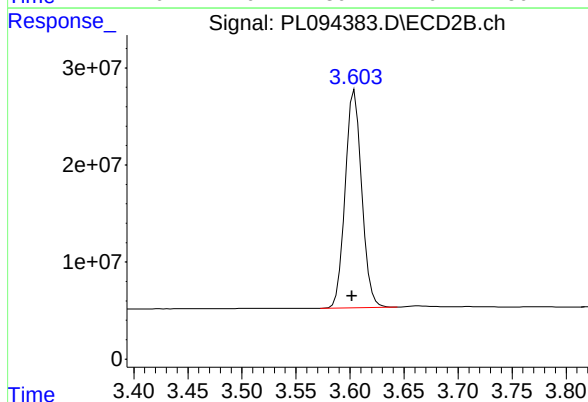
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.009 min
Response: 175211503
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

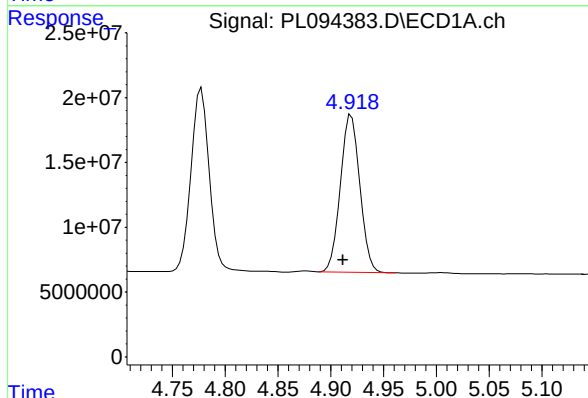
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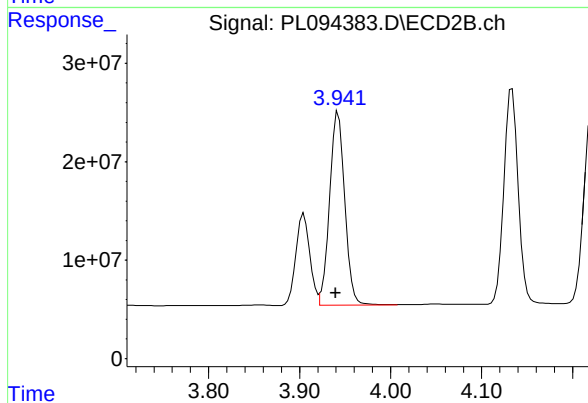
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 238647345
Conc: 50.67 ng/ml



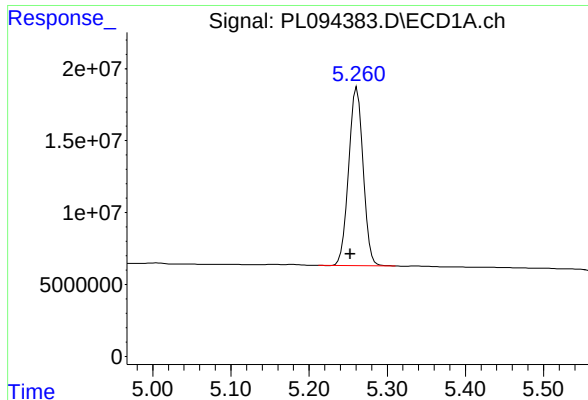
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.008 min
Response: 156000152
Conc: 46.01 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.003 min
Response: 227312626
Conc: 48.16 ng/ml



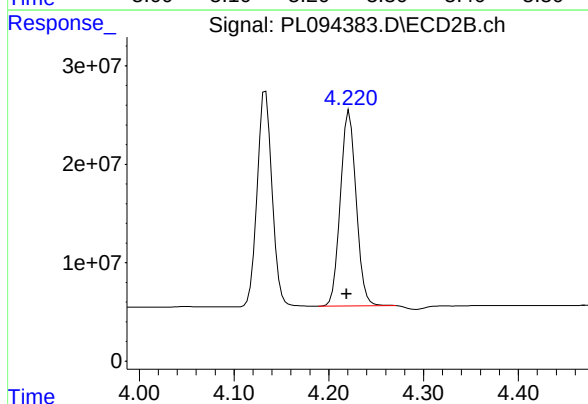
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.008 min
Response: 159220540
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

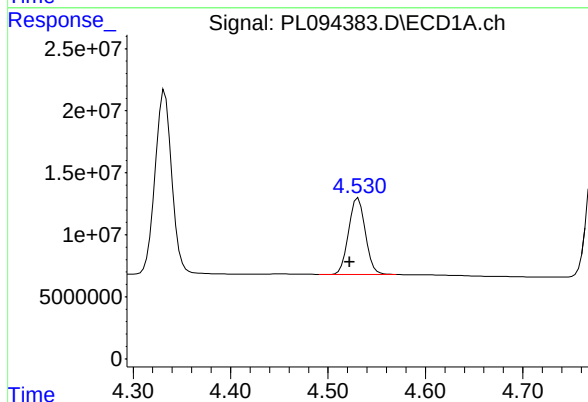
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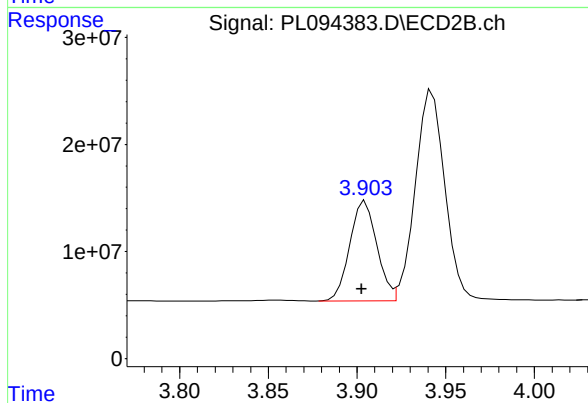
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.003 min
Response: 228589028
Conc: 49.47 ng/ml



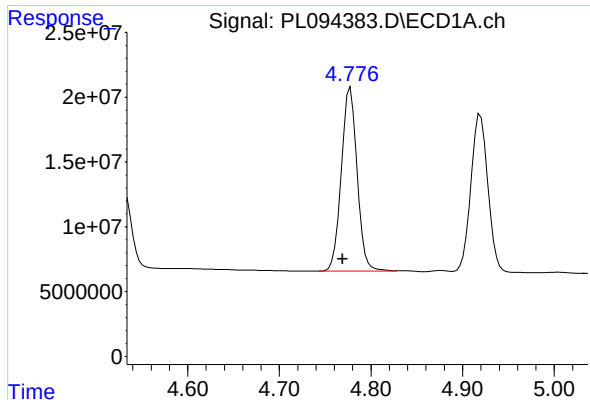
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.009 min
Response: 73700288
Conc: 46.15 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.002 min
Response: 99469864
Conc: 50.01 ng/ml



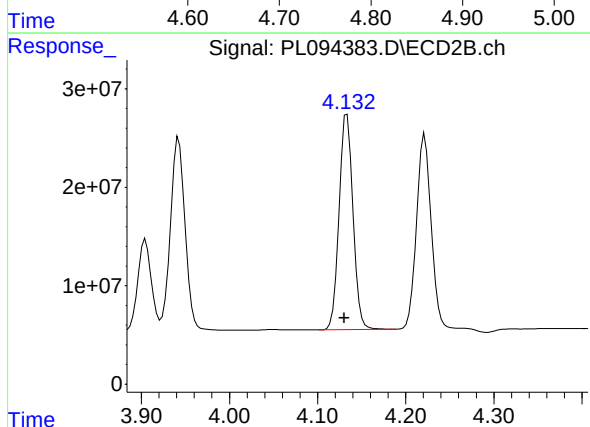
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.008 min
Response: 170273482
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

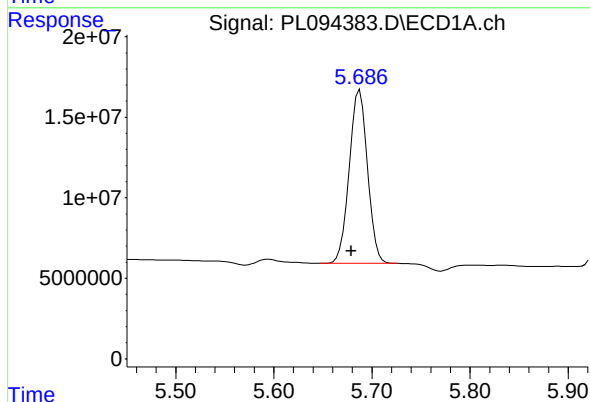
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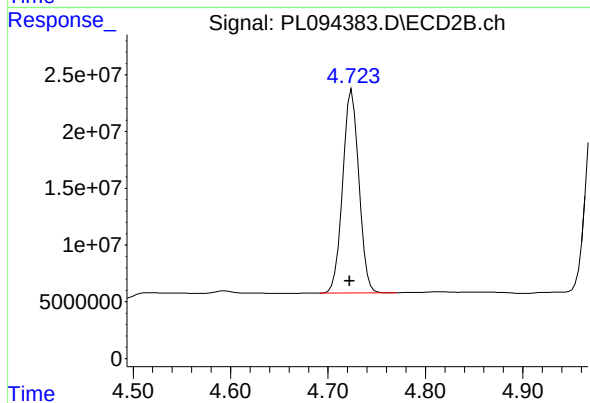
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.003 min
Response: 240584467
Conc: 50.80 ng/ml



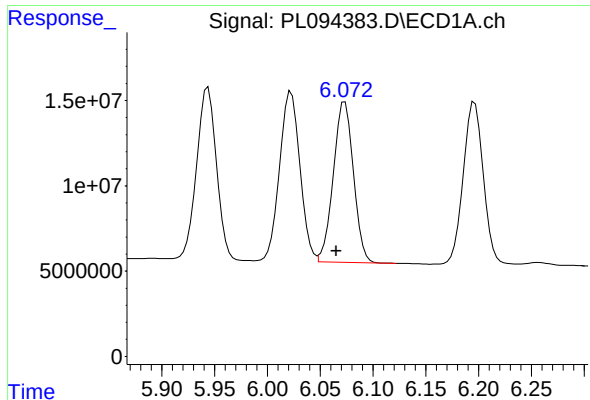
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.008 min
Response: 139166936
Conc: 46.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 206340355
Conc: 48.49 ng/ml



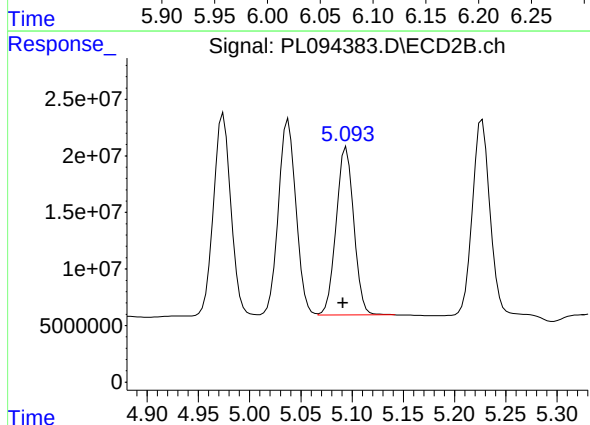
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.008 min
Response: 124451588
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

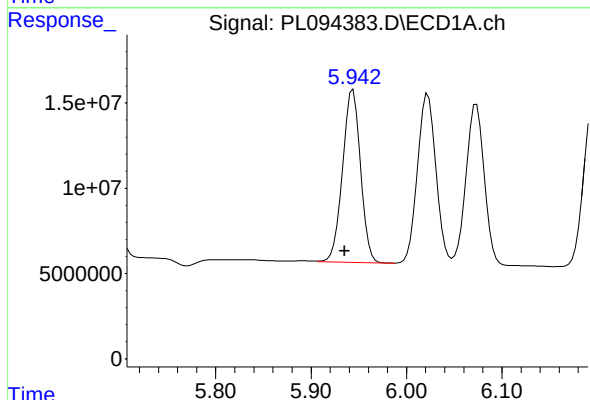
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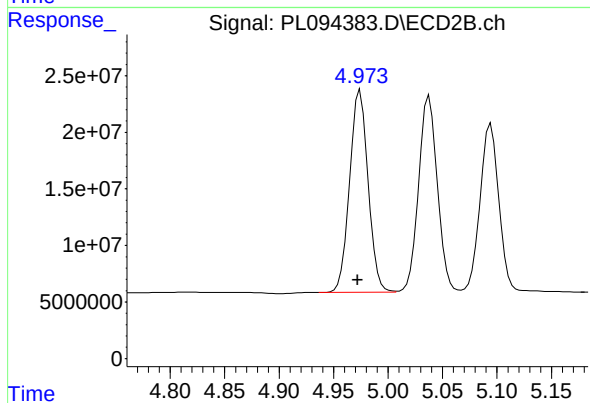
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 177393918
Conc: 44.50 ng/ml



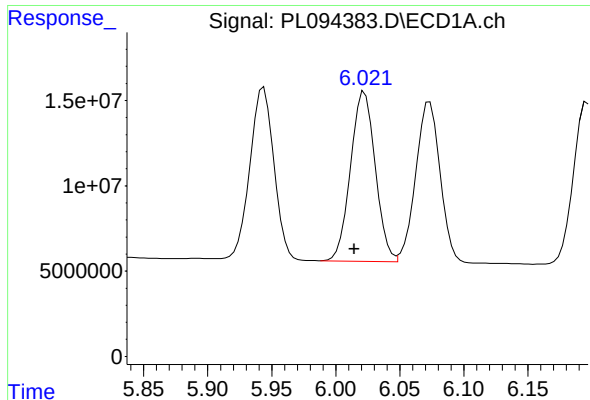
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.008 min
Response: 132441768
Conc: 45.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 210624336
Conc: 48.54 ng/ml



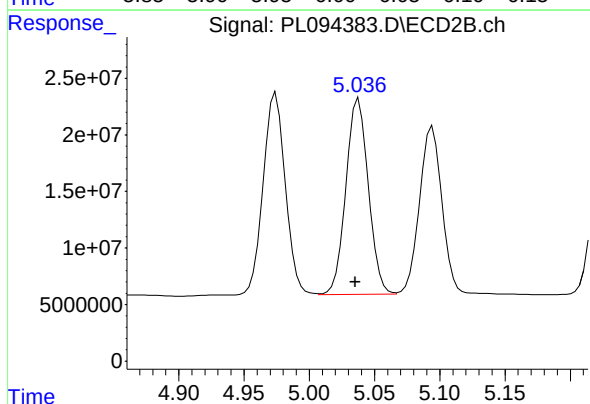
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.008 min
Response: 133948875
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

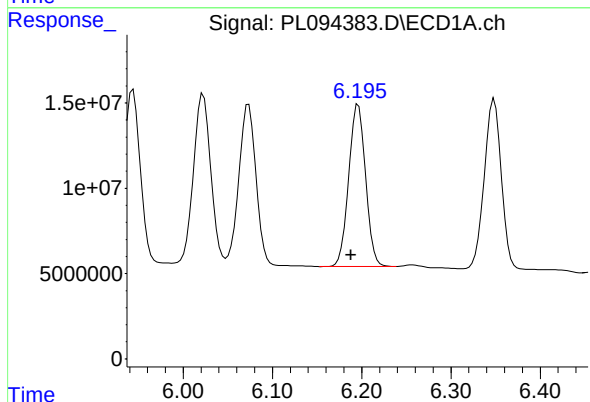
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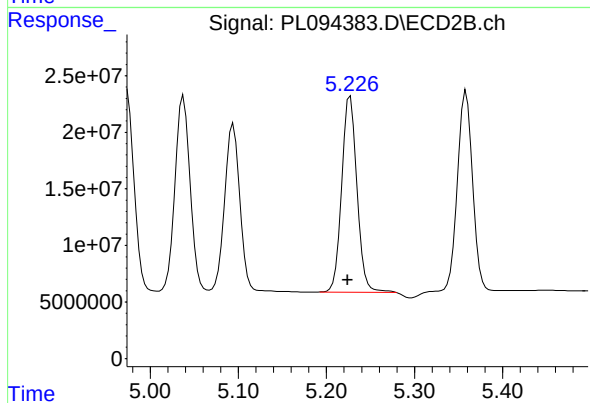
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.003 min
Response: 207095777
Conc: 47.97 ng/ml



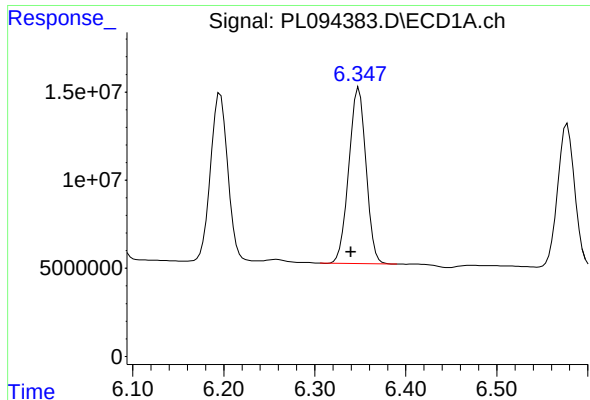
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.008 min
Response: 125164677
Conc: 47.92 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 209198897
Conc: 49.81 ng/ml



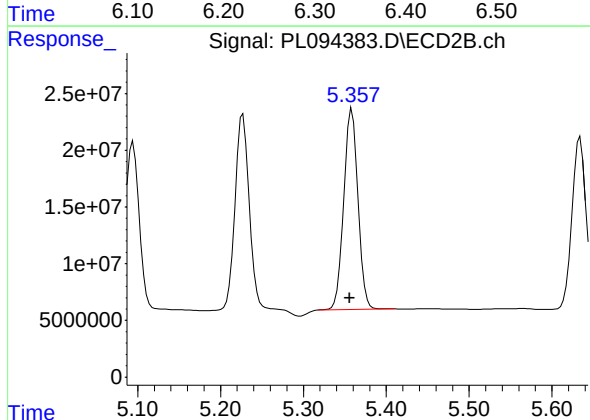
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.008 min
Response: 131764805
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

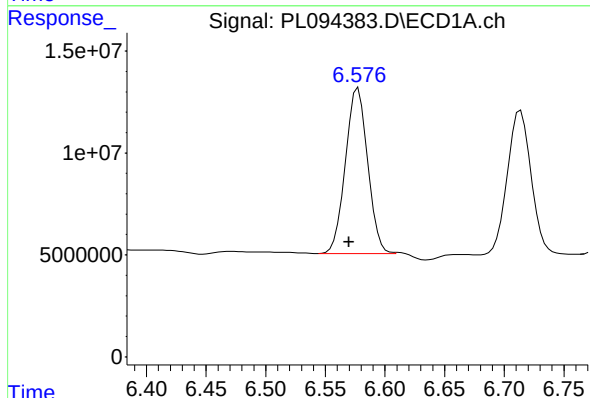
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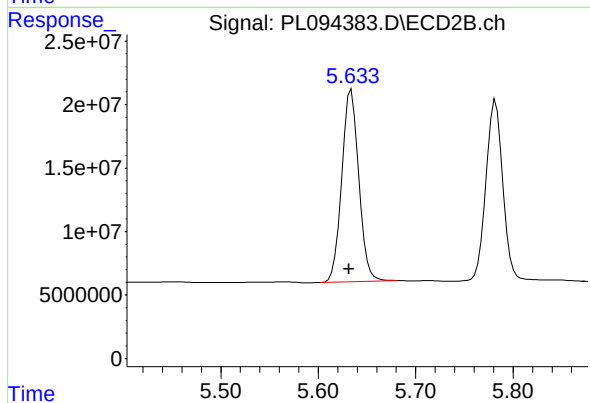
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.003 min
Response: 211321631
Conc: 48.23 ng/ml



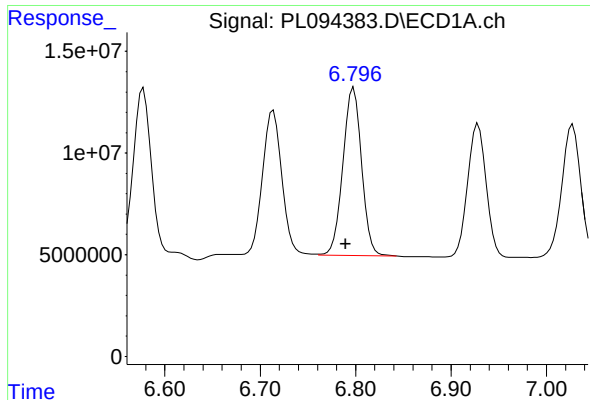
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.006 min
Response: 105608760
Conc: 41.38 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 183433169
Conc: 53.88 ng/ml



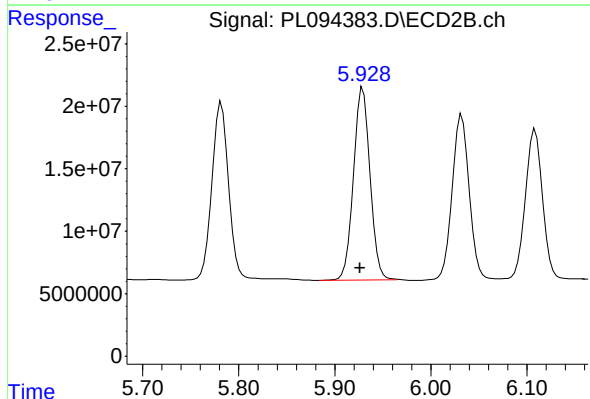
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.008 min
Response: 112654934
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

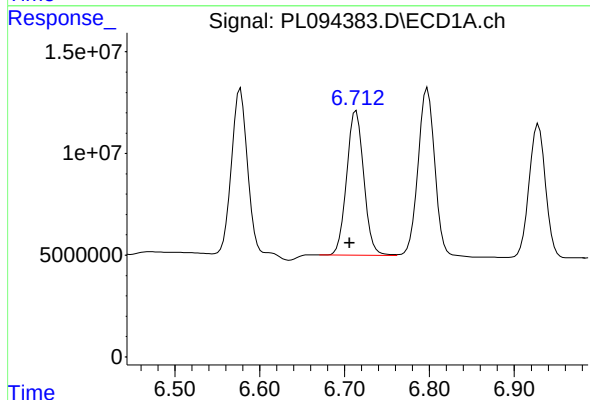
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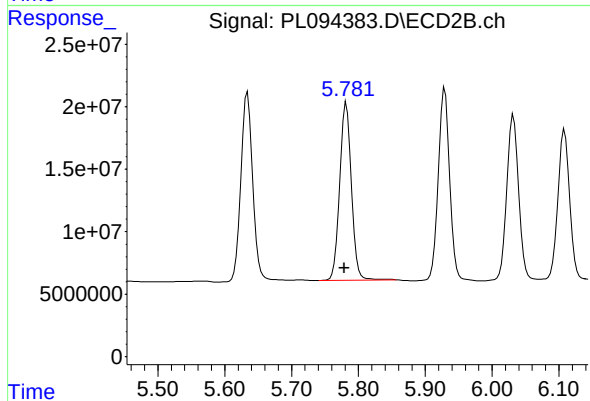
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 184544655
Conc: 49.35 ng/ml m



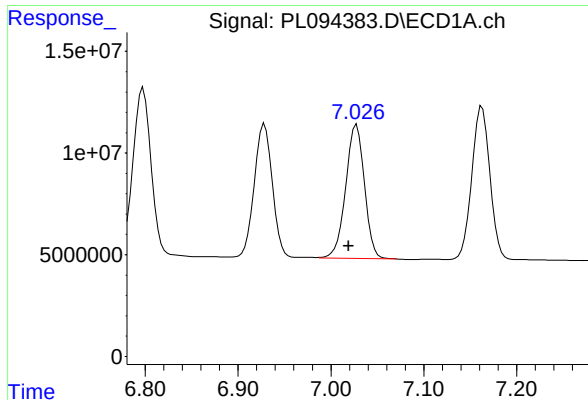
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.008 min
Response: 99544192
Conc: 53.81 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 172256839
Conc: 54.08 ng/ml



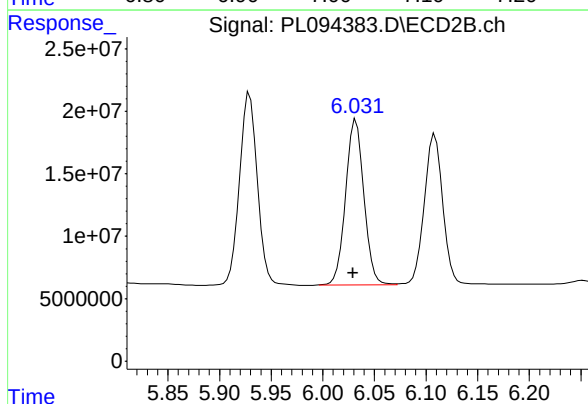
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.009 min
Response: 92330668
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

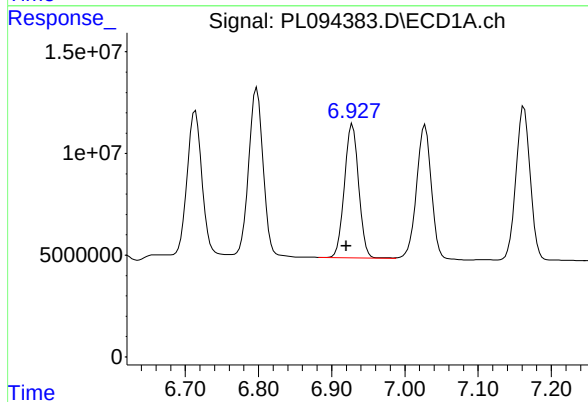
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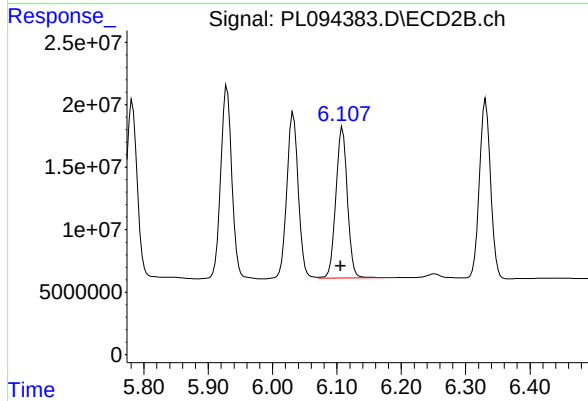
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 163140763
Conc: 45.86 ng/ml



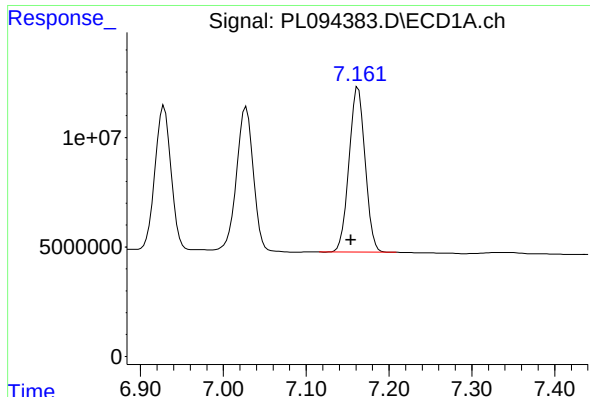
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.009 min
Response: 89114044
Conc: 45.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.003 min
Response: 150170022
Conc: 47.52 ng/ml



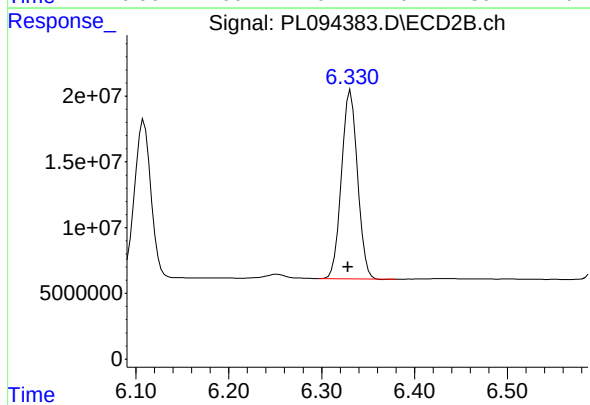
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.008 min
Response: 101877295
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

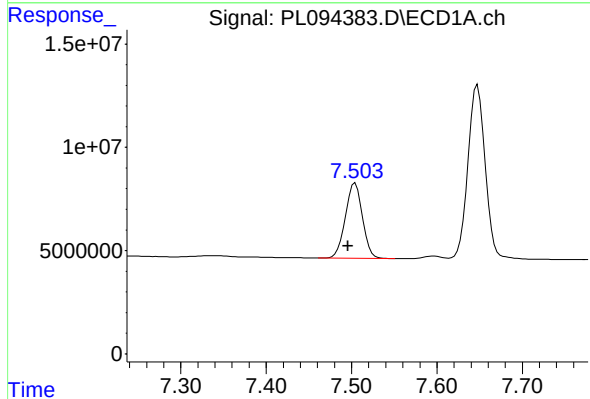
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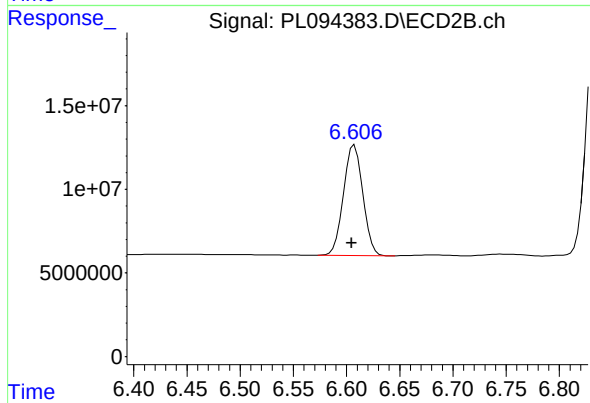
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 172280091
Conc: 46.64 ng/ml



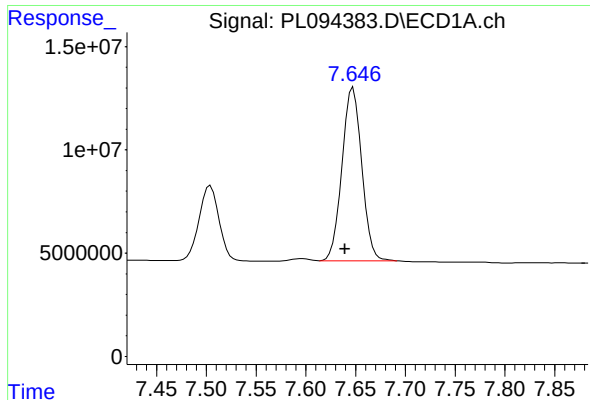
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.009 min
Response: 50706683
Conc: 45.64 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.003 min
Response: 83012848
Conc: 42.55 ng/ml



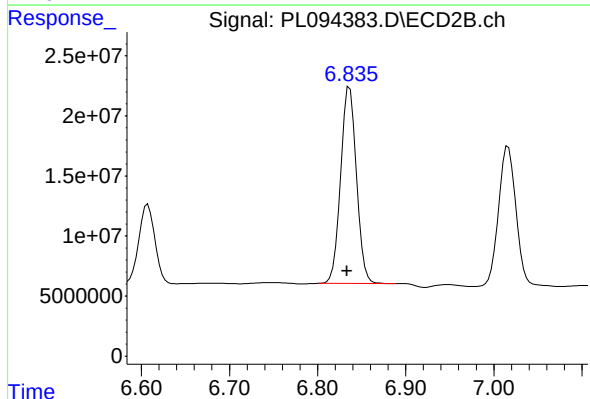
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.008 min
Response: 116365231
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

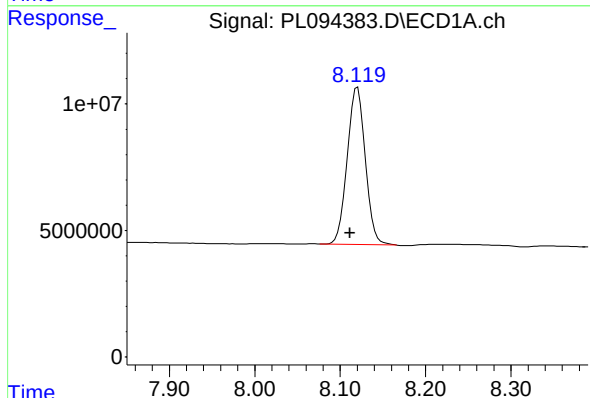
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Supervised By :Ankita Jodhani 02/25/2025



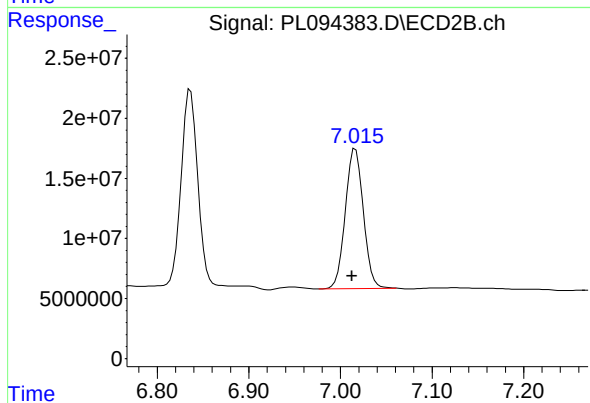
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.003 min
Response: 204166661
Conc: 47.84 ng/ml



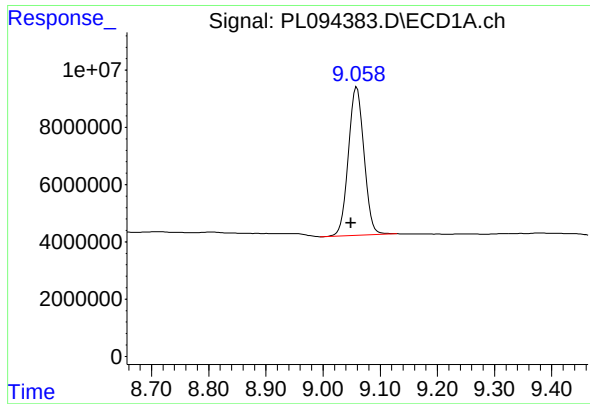
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.009 min
Response: 91817892
Conc: 44.50 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.004 min
Response: 160030210
Conc: 45.89 ng/ml



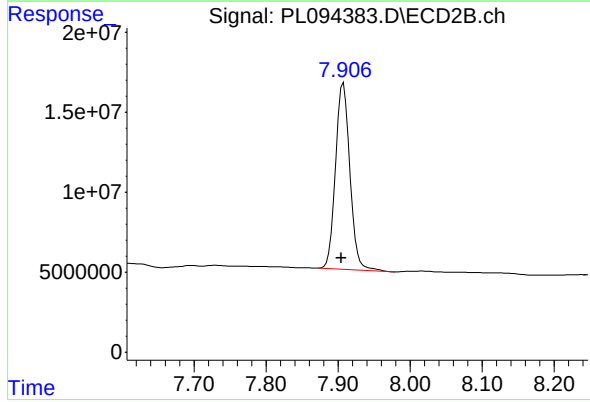
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.010 min
Response: 99414499
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 160458703
Conc: 41.72 ng/ml